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NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	6	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
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NEWS	12	AUG 13	CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS	13	AUG 20	CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS	14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	15	AUG 27	USPATOLD now available on STN
NEWS	16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	18	SEP 13	FORIS renamed to SOFIS
NEWS	19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	20	SEP 17	CA/CAPLUS enhanced with printed CA page images from 1967-1998
NEWS	21	SEP 17	CAPLUS coverage extended to include traditional medicine patents
NEWS	22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	23	OCT 02	CA/CAPLUS enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	24	OCT 19	BEILSTEIN updated with new compounds
NEWS	25	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	26	NOV 19	WPIX enhanced with XML display format
NEWS	27	NOV 30	ICSD reloaded with enhancements
NEWS	28	DEC 04	LINPADOCDB now available on STN
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
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NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 13:55:44 ON 06 DEC 2007

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.63

0.63

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FILE LAST UPDATED: 5 Dec 2007 (20071205/ED)

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<http://www.cas.org/infopolicy.html>

=> s bismuth oxychloride

138823 BISMUTH

5 BISMUTHS

138823 BISMUTH

(BISMUTH OR BISMUTHS)

14810 OXYCHLORIDE

1335 OXYCHLORIDES

15580 OXYCHLORIDE

(OXYCHLORIDE OR OXYCHLORIDES)

L1 570 BISMUTH OXYCHLORIDE

(BISMUTH(W) OXYCHLORIDE)

=> s colorant or colour

19011 COLORANT

11117 COLORANTS

26050 COLORANT

(COLORANT OR COLORANTS)

6867 COLOUR

638 COLOURS

7285 COLOUR

(COLOUR OR COLOURS)

L2 33289 COLORANT OR COLOUR

=> s L1 and L2

L3 27 L1 AND L2

=> s skin tone

269200 SKIN

10622 SKINS  
 275166 SKIN  
     (SKIN OR SKINS)  
 34652 TONE  
 3206 TONES  
 37133 TONE  
     (TONE OR TONES)  
 L4       121 SKIN TONE  
           (SKIN(W)TONE)  
  
 => s skin color  
     269200 SKIN  
     10622 SKINS  
     275166 SKIN  
         (SKIN OR SKINS)  
     453003 COLOR  
     50164 COLORS  
     477988 COLOR  
         (COLOR OR COLORS)  
 L5       1285 SKIN COLOR  
           (SKIN(W)COLOR)  
  
 => s skin colour  
     269200 SKIN  
     10622 SKINS  
     275166 SKIN  
         (SKIN OR SKINS)  
     6867 COLOUR  
     638 COLOURS  
     7285 COLOUR  
         (COLOUR OR COLOURS)  
 L6       15 SKIN COLOUR  
           (SKIN(W)COLOUR)

=> s 14 or 15 or L6  
 L7       1403 L4 OR L5 OR L6  
  
 => s L3 and L7  
 L8       0 L3 AND L7  
  
 => s L1 and L7  
 L9       4 L1 AND L7  
  
 => dup rem L9  
 PROCESSING COMPLETED FOR L9  
 L10      4 DUP REM L9 (0 DUPLICATES REMOVED)

=> d 1-4 ibib abs L9

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2007:230572 CAPLUS  
 DOCUMENT NUMBER: 146:280383  
 TITLE: Color cosmetic compositions containing iron oxides and  
           polysaccharides coatings therein  
           Sandewicz, Ida Marie; Zamyatin, Tatyana; Russ, Julio  
           Gans; Jabush, Sarah K.  
 INVENTOR(S): USA  
 PATENT ASSIGNEE(S): U.S. Pat. Appl. Publ., 14pp.  
 SOURCE: CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2007048238	A1	20070301	US 2006-378681	20060317
WO 2007027503	A2	20070308	WO 2006-US33096	20060823
WO 2007027503	A3	20070920		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2005-712310P P 20050830  
US 2006-378681 A 20060317

AB Disclosure is an anhydrous color cosmetic composition comprising a pigment component and a powder component, the improvement wherein the powder component includes microfine particle size powders in an amount sufficient to provide a composition that matches a plurality of skin shades in one, or more than one, skin tone category; and an anhydrous foundation, blush, concealer, mascara, or other cosmetic composition that has a first resting color and a second application color. For example, an anhydrous foundation contained titania, zinc oxide, cyclomethicone, dimethicone copolyol, methicone, boron nitride, mica, Aloe Vera powder, silica, bismuth oxychloride, HDI/trimethylolthexyllactone crosspolymer, lauroyl lysine, Me paraben, Et paraben, Pr paraben, Bu paraben, trisodium EDTA, cyclomethicones, tribeheinin, Sensient LCW Yellow iron oxide AQ and red iron oxide AQ, Sensient LCW black iron oxide.

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1200948 CAPLUS

DOCUMENT NUMBER: 143:465610

TITLE: Taurate formulated pigmented cosmetic composition comprising a crosslinked silicone elastomer, a zinc oxide or zirconium oxide exhibiting radiance with soft focus

INVENTOR(S): Dobkowski, Brian John; Rosevear, Jeffrey William; Chandar, Prem; De Mul, Marc Nicolaas Gerard; Polonka, Jack

PATENT ASSIGNEE(S): Unilever Home & Personal Care Usa, Division of Conopco, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 11 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005249684	A1	20051110	US 2004-841042	20040507
			US 2004-841042	20040507

AB The present invention relates to a cosmetic composition which includes a crosslinked silicone elastomer, a zinc oxide or zirconium oxide of average particle size less than 300 nm and a taurate polymer, in a cosmetically acceptable carrier system. The composition achieves soft focus and radiance properties which improve the appearance of skin. Good coverage over imperfections such as pores and uneven skin tone is achieved while retaining a natural skin appearance.

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:696715 CAPLUS  
 DOCUMENT NUMBER: 143:179160  
 TITLE: Taurate formulated pigmented cosmetic compositions exhibiting radiance with soft focus  
 INVENTOR(S): Dobkowski, Brian John; Rosevear, Jeffrey William; Chandar, Prem; De Mul, Marc Nicolaas Gerard; Polonka, Jack  
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever N. V.; Hindustan Lever Limited  
 SOURCE: PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE			
WO 2005070384	A1	20050804	WO 2005-EP436	20050112			
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW						
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG						
AU 2005205898	A1	20050804	AU 2005-205898	20050112			
BR 2005006504	A	20070227	BR 2005-6504	20050112			
JP 2007518761	T	20070712	JP 2006-550012	20050112			
IN 2006MN00862	A	20070323	IN 2006-MN862	20060720			
PRIORITY APPLN. INFO.:			US 2004-538664P	P 20040123			
			WO 2005-EP436	W 20050112			
AB	A cosmetic composition is provided which includes a crosslinked silicone elastomer, a zinc oxide or zirconium oxide of average particle size <300 nm and a light reflecting inorg. material of platelet-shaped particles having an average particle size of 10,000-30,000 nm, in a cosmetically acceptable carrier system. The composition achieves soft focus and radiance properties which improve the appearance of skin. Good coverage over imperfections such as pores and uneven skin tone is achieved while retaining a natural skin appearance. Thus, a formulation contained 0.80% Aristoflex AVC (a taurate polymer), and 3.08% ZnO in addition to other excipients.						
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT					
L9 ANSWER 4 OF 4	CAPLUS	COPYRIGHT 2007 ACS on STN					
ACCESSION NUMBER:	2002:555319	CAPLUS					
DOCUMENT NUMBER:	137:114245						
TITLE:	Skin cosmetic compositions containing optical diffusing pigments						
INVENTOR(S):	Tan, Manuel L.; Cohen, Isaac D.; Albers, Marie A.; Oko, Jennifer						
PATENT ASSIGNEE(S):	Color Access, Inc., USA						
SOURCE:	PCT Int. Appl., 15 pp.						
	CODEN: PIXXD2						
DOCUMENT TYPE:	Patent						
LANGUAGE:	English						
FAMILY ACC. NUM. COUNT:	1						
PATENT INFORMATION:							

WO 2002056846	A1	20020725	WO 2001-US50550	20011220
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
US 2002141957	A1	20021003	US 2001-764027	20010117
US 6511672	B2	20030128		
CA 2433337	A1	20020725	CA 2001-2433337	20011220
AU 2002234127	A1	20020730	AU 2002-234127	20011220
EP 1365730	A1	20031203	EP 2001-985150	20011220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
JP 2004526694	T	20040902	JP 2002-557356	20011220
PRIORITY APPLN. INFO.:			US 2001-764027	A 20010117
			WO 2001-US50550	W 20011220

AB The present invention provides a method of preventing the appearance of fine lines, wrinkles and discoloration on the skin. This is achieved by the topical application to the skin of a composition containing a first platelet of alumina treated with a metal oxide, a second platelet treated with a spherical scattering component, and a cosmetic or pharmaceutical carrier. The comps. can also contain a standard interference pigment, such as a white and a yellow interference pigment to further blend the color to closely match the natural skin tone. The combination of pigments and platelets creates a mosaic of color and optically manipulates light such that lines, wrinkles, disfiguring and discolorations on the skin appear to substantially vanish. In addition to the pigments and platelet components, a non-interference pigment can also be added to fine-tune the matching of color to the skin tone. The alumina platelet alone is metallic-looking; however, when it is tempered with the other platelet containing the spherical scattering component, the net effect is that the skin appears natural, luminous and flawless. Thus, a liquid foundation contained the following components: Phase 1; Ph trimethicone 10.0, TiO2 1.8, Red oxide 0.1, and Yellow oxide 0.5; Phase 2; Dimethicone polyol 5.0, Cyclomethicone 30.0, Silicone HL88 1.5, Dimethicone 5.0, and Parabens 0.2; Phase 3; Pearl Copper-1000 2.0, Ronac MS-30C 2.5, Ronac MJ-10C 2.0, Soft Vision 1.0; Phase 4; water 32.0, butylene glycol 5.0, Mg sulfate 0.2, and Laureth-7 0.2, phwnoxyethanol 1.0%.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> dup rem L3
PROCESSING COMPLETED FOR L3
L11      27 DUP REM L3 (0 DUPLICATES REMOVED)

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L12      27 S L11
          4468218 AY<2003
          22908454 PY<2003
          3947132 PRY<2003
L13      22 L12 AND (AY<2003 OR PY<2003 OR PRY<2003)

=> s pigment
          156655 PIGMENT
          134232 PIGMENTS
L14      211347 PIGMENT
          (PIGMENT OR PIGMENTS)

=> s L13 and L14
L15      15 L13 AND L14

=> d 1-15 ibib abs L15
```

L15 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:510224 CAPLUS

DOCUMENT NUMBER: 141:55817

TITLE: Spherical inorganic absorption pigments for use in cosmetics  
Heider, Lilia; Knapp, Martin; Lenz, Gisela; Rick, Norbert

PATENT ASSIGNEE(S): Merck Patent GmbH, Germany

SOURCE: Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1431351	A1	20040623	EP 2003-27593	20031202 <--
EP 1431351	B1	20060308		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10259246	A1	20040701	DE 2002-10259246	20021217 <--
AT 319784	T	20060315	AT 2003-27593	20031202 <--
IN 2003K000616	A	20060512	IN 2003-K0616	20031205 <--
KR 2004055620	A	20040626	KR 2003-91804	20031216 <--
CN 1508195	A	20040630	CN 2003-10123107	20031217 <--
JP 2004197099	A	20040715	JP 2003-419973	20031217 <--
US 2004177789	A1	20040916	US 2003-736893	20031217 <--
US 6866710	B2	20050315		

PRIORITY APPLN. INFO.: DE 2002-10259246 A 20021217 <--

AB The title pigments, useful in cosmetics and having good optical properties and feeling good on the skin, comprise spherical particles (diameter 1-100 nm) coated with colorants and then with SiO<sub>2</sub>, and similar particles with diameter 0.5-50 µm. SiO<sub>2</sub> spheres (Ronasphere, diameter <20 µm) were dispersed (100 g) in 1900 g H<sub>2</sub>O, heated to 80°, acidified to pH 3.0, mixed with 375 g FeCl<sub>3</sub> solution (15% Fe) with addition of NaOH to maintain a pH of 3.0, stirred for 30 min, basified to pH 7.5, mixed with 167 g Na silicate solution (27% SiO<sub>2</sub>) and 167 g H<sub>2</sub>O at 80° while adding HCl to maintain pH 7.5, stirred for 15 min, and adjusted to pH 6.0. Mixing this dispersion with a similarly colored dispersion of 90 g Ronasphere, filtering, washing, drying at 110°, and calcining at 825° gave a red powder containing 59% Fe<sub>2</sub>O<sub>3</sub>.

L15 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:490100 CAPLUS

DOCUMENT NUMBER: 141:25119

TITLE: Color effect materials and production thereof

INVENTOR(S): Zimmermann, Curtis J.; Christie, James D.; Doxey, Vivian K.; Fuller, Daniel Stevenson

PATENT ASSIGNEE(S): Engelhard Corp., USA

SOURCE: U.S. Pat. Appl. Publ., 7 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004112252	A1	20040617	US 2002-318058	20021213 <--
US 6821333	B2	20041123		
WO 2004055118	A2	20040701	WO 2003-US39812	20031215 <--
WO 2004055118	A3	20040826		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003300928 A1 20040709 AU 2003-300928 20031215 <--  
 CN 1738869 A 20060222 CN 2003-80108794 20031215 <--  
 JP 2006516154 T 20060622 JP 2004-560873 20031215 <--  
 US 2005031564 A1 20050210 US 2004-920826 20040818 <--

PRIORITY APPLN. INFO.:  
 US 2002-318058 A 20021213 <--  
 US 2002-318110 A 20021213 <--  
 US 2002-318201 A 20021213 <--  
 WO 2003-US39812 W 20031215

AB A color effect material comprises a platelet-shaped substrate sequentially  
 encapsulated with: a first layer which is highly reflective to light  
 directed thereon and which is selected from the group consisting of  
 silver, gold, platinum, palladium, rhodium, ruthenium, osmium, iridium and  
 alloys thereof; and a second spacer layer which does not provide  
 significant incident angle dependent variable pathlength difference.  
 Optionally, the spacer pigment layer which is encapsulated by an  
 outer layer which is selectively transparent to light directed thereon.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:1006724 CAPLUS  
 DOCUMENT NUMBER: 140:47046  
 TITLE: Multi-step cosmetic benefit foundation kit  
 INVENTOR(S): Rabe, Thomas Elliot; Wildgust, Paul Graham  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
 SOURCE: PCT Int. Appl., 35 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003105787	A2	20031224	WO 2003-US18155	20030610 <--
WO 2003105787	A3	20040325		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004086474	A1	20040506	US 2003-439555	20030516 <--
CA 2487803	A1	20031224	CA 2003-2487803	20030610 <--
AU 2003245430	A1	20031231	AU 2003-245430	20030610 <--
EP 1513491	A2	20050316	EP 2003-739072	20030610 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1662217	A	20050831	CN 2003-814076	20030610 <--
JP 2005533059	T	20051104	JP 2004-512695	20030610 <--
MX 2004PA12626	A	20050323	MX 2004-PA12626	20041214 <--
PRIORITY APPLN. INFO.:			US 2002-389412P	P 20020617 <--
			WO 2003-US18155	W 20030610



AB A cosmetic kit that is suitable for application as a multi-step facial foundation product comprises a first composition containing an effective amount of a first cosmetic benefit agent and a first carrier; a second composition containing an effective amount of 1 or more colorants having a refractive index >2.0 and a second carrier. The second composition is topically applied to facial skin after the first composition. Thus, a powder foundation contained in the phase A; talc 23.90, mica 17.66, Mica (sericite) 29.04, TiO2 11.60, Nylon-12 1.76, silica 2.64, propylparaben 0.10, methylparaben 0.30, sodium dehydroacetate 0.10, red iron oxide 0.43, black iron oxide 0.29, and yellow iron oxide 0.50; Phase B comprised dimethicone and trimethylsiloxy silicate 6.43, dioctyl succinate 0.80, octyl hydroxystearate 0.70, cholesterol hydroxystearate 1.05, tocopherol 0.01, and octylmethoxycinnamate 2.69%.

L15 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2007 ACS ON STN

ACCESSION NUMBER: 2003:777548 CAPLUS  
DOCUMENT NUMBER: 139:280930  
TITLE: Personal care compositions comprising solid particles entrapped in a gel polymeric network  
INVENTOR(S): Adams, Christine Adams; Browne, Yvonne Bridget; Kalla, Karen Kay; Morrissey, Christopher Todd; Motley, Curtis Bobby; Stephens, Alison Fiona; Sunkel, Jorge Max  
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
SOURCE: PCT Int. Appl., 53 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080005	A1	20031002	WO 2003-US5975	20030227 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003190336	A1	20031009	US 2002-100637	20020318 <--
AU 2003216449	A1	20031008	AU 2003-216449	20030227 <--
EP 1485060	A1	20041215	EP 2003-745081	20030227 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2005520848	T	20050714	JP 2003-577836	20030227 <--
CN 1642518	A	20050720	CN 2003-806331	20030227 <--
MX 2004PA09035	A	20050125	MX 2004-PA9035	20040917 <--
PRIORITY APPLN. INFO.:			US 2002-100637	A 20020318 <--
			WO 2003-US5975	W 20030227

AB The present invention relates to a personal care composition comprising a three dimensional gel polymeric network comprising (a) a polymer; (b) one or more solid particles that are entrapped within the polymer during polymerization; and (c) a solvent in which the polymer is dispersed. Another embodiment further includes a solid particle of at least one second colorant that is substantially similar to the first colorant; the second colorant is dispersed within the composition but is not entrapped in the polymer and is sep. and distinct from the network. In contrast, a third embodiment allows for the at least one second colorant to

be substantially different from the at least one first colorant.

For example, a multichromatic liquid foundation was prepared containing a colored

crosslinked gel network (colored gel comprising 10% pigments  
TiO<sub>2</sub> + iron oxides, average particle size 60 µ, 12% polymer, and 78%  
cyclomethicone fluid) 40.00%, dimethicone copolyol crosspolymer KSG-21  
5.00%, cyclomethicone DC 245 19.35%, propylparaben 0.10%, ethylparaben  
0.20%, water 15.00%, titanium dioxide 8.25%, iron oxides 1.75%, glycerin  
10.00%, benzyl alc. 0.25%, methylparaben 0.10%, ammonium polyacrylate  
(Darvan 821A) 0.12%, and disodium EDTA 0.10%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:448016 CAPLUS

DOCUMENT NUMBER: 139:26316

TITLE: Pigmented vitamin C composition

INVENTOR(S): Simard, Claude; Curtis, Ernest S.; Pahlck, Harold E.

PATENT ASSIGNEE(S): Avon Products, Inc., USA

SOURCE: U.S., 5 pp., Cont.-in-part of U.S. Ser. No. 150,806.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6576248	B1	20030610	US 2000-659223	20000911 <--
US 6299889	B1	20011009	US 1998-150806	19980910 <--
WO 2002022087	A1	20020321	WO 2001-US28810	20010911 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 200190948	A	20020326	AU 2001-90948	20010911 <--
EP 1317238	A1	20030611	EP 2001-971011	20010911 <--
EP 1317238	B1	20071114		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

PRIORITY APPLN. INFO.: US 1998-150806 A2 19980910 <--  
US 2000-659223 A 20000911 <--  
WO 2001-US28810 W 20010911 <--

AB There is provided an emulsion having a substantially non-aqueous phase, a substantially aqueous phase, a vitamin C component (about 0.1-16%) and a pigment, e.g., titanium dioxide, iron oxide, mica, ultramarine, manganese violet, zinc oxide, bismuth oxychloride, ferric ammonium ferrocyanide, ferric ferrocyanide, chromium hydroxide green, FD&C colorants, D&C colorants, etc.  
Pigment is coated with a substance selected from fluorosilanes, alkylsilanes, perfluoropolymethyl iso-Pr ether, lauryl lysine, magnesium myristate, polyethylene, phospholipids, dimethicone, and lecithins. The composition further comprises an UV radiation protection agent, such as avobenzene. Such an emulsion is both cosmetically and aesthetically acceptable.

REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:76501 CAPLUS

DOCUMENT NUMBER: 138:142188  
 TITLE: Color changing nail polish  
 INVENTOR(S): Borsakian, Benny; Faraci, Janel  
 PATENT ASSIGNEE(S): USA  
 SOURCE: PCT Int. Appl., 13 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003007675	A2	20030130	WO 2001-US44758	20011126 <--
WO 2003007675	A3	20030515		
WO 2003007675	A8	20030703		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002241531 A1 20030303 AU 2002-241531 20011126 <--  
 PRIORITY APPLN. INFO.: US 2001-306595P P 20010719 <--  
 WO 2001-US44758 W 20011126 <--

AB A nail polish composition comprises a nail polish base, e.g., nitrocellulose and Bu acrylate-hydroxyethyl acrylate-N-methoxyethyl acrylate copolymer, into which is mixed a colorant, a temperature sensitive colorant, and a UV photochromic powder. The colorant, temperature sensitive colorant, and UV photochromic powder imparting, after the nail polish composition is applied to a human nail and allowed to dry, a first color when the human nail is at normal body temperature, a second color when the temperature of the human nail is above normal body temperature, and a third color when the nail polish composition is exposed to UV radiation.

L15 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:22713 CAPLUS  
 DOCUMENT NUMBER: 138:78484  
 TITLE: Ingestible pharmaceuticals containing special effect pigments in  
 INVENTOR(S): Uzunian, Gabriel E.; Sullivan, William J.  
 PATENT ASSIGNEE(S): Engelhard Corporation, USA  
 SOURCE: PCT Int. Appl., 11 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003002149	A2	20030109	WO 2002-US18680	20020612 <--
WO 2003002149	A3	20030327		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,

KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,  
GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003008002 A1 20030109 US 2001-891725 20010626 <--  
US 6627212 B2 20030930  
CA 2451851 A1 20030109 CA 2002-2451851 20020612 <--  
AU 2002352226 A1 20030303 AU 2002-352226 20020612 <--  
AU 2002352226 A2 20030303  
EP 1427446 A2 20040616 EP 2002-752046 20020612 <--  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
JP 2005519853 T 20050707 JP 2003-508387 20020612 <--  
BR 2002010619 A 20060523 BR 2002-10619 20020612 <--  
US 2004018232 A1 20040129 US 2003-624835 20030721 <--  
US 2007048416 A1 20070301 US 2006-530522 20060911  
US 2001-891725 A 20010626 <--  
WO 2002-US18680 W 20020612 <--  
US 2003-624835 A1 20030721

PRIORITY APPLN. INFO.:

AB Ingestible pharmaceuticals contain a special effect pigment such as platy TiO<sub>2</sub>, TiO<sub>2</sub> and/or iron oxide coated on substrates such as mica. Conventional colorants do not give the special effects of these pigments. A pharmaceutical powder was prepared by blending the following proportions of ingredients: acetaminophen powder 83.3, lactose (regular grind) 6.1, CaSO<sub>4</sub> 6.1, Magnesium stearate 2.5, and platy gold TiO<sub>2</sub> 2.0%. The resulting mixture was compressed into tablets having a light gold hue.

L15 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:6054 CAPLUS

DOCUMENT NUMBER: 138:74779

TITLE: Multilayered magnetic pigments and foils and optical articles

INVENTOR(S): Phillips, Roger W.; Legallee, Charlotte R.; Markantes, Charles T.; Coombs, Paul G.

PATENT ASSIGNEE(S): Flex Products, Inc., USA

SOURCE: PCT Int. Appl., 57 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003000801	A2	20030103	WO 2002-US1059	20020116 <--
WO 2003000801	A3	20030227		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002160194	A1	20021031	US 2001-844261	20010427 <--
AU 2002329168	A1	20030108	AU 2002-329168	20020116 <--
EP 1412432	A2	20040428	EP 2002-765768	20020116 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
CN 1505668	A	20040616	CN 2002-808832	20020116 <--
JP 2005509691	T	20050414	JP 2003-507196	20020116 <--
CN 1854204	A	20061101	CN 2006-10077007	20020116 <--
US 2003143400	A1	20030731	US 2003-360964	20030207 <--
US 6818299	B2	20041116		

US 2004028905 A1 20040212 US 2003-637605 20030808 <--  
 US 6838166 B2 20050104  
 PRIORITY APPLN. INFO.: US 2001-844261 A 20010427 <--  
 CN 2002-808832 A3 20020116 <--  
 WO 2002-US1059 W 20020116 <--

AB The pigment flakes can be a sym. coating structure on opposing sides of a magnetic core, or can be formed with encapsulating coatings around the magnetic core. The magnetic core can be a magnetic layer between reflector or dielec. layers, a dielec. layer between magnetic layers, or only a magnetic layer. The pigment flakes and foils exhibit a discrete color shift so as to have distinct colors at differing angles of incident light or viewing. The pigment flakes can be interspersed into liquid media such as paints or inks to produce colorant compns. for subsequent application to objects or papers. The foils can be laminated to various objects or can be formed on a carrier substrate.

L15 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:754152 CAPLUS  
 DOCUMENT NUMBER: 137:268194  
 TITLE: Colored cosmetic composition with novel aesthetics  
 INVENTOR(S): Wang, Yinli; Martin, Shari; Rothhouse, Jason; Lembo, Dawn  
 PATENT ASSIGNEE(S): Avon Products, Inc., USA  
 SOURCE: PCT Int. Appl., 21 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002076387	A2	20021003	WO 2002-US8435	20020320 <--
WO 2002076387	A3	20021121		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002176831	A1	20021128	US 2001-13851	20011210 <--
AU 2002244312	A1	20021008	AU 2002-244312	20020320 <--
EP 1292262	A2	20030319	EP 2002-709854	20020320 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

PRIORITY APPLN. INFO.: US 2001-279150P P 20010327 <--  
 US 2001-13851 A 20011210 <--  
 WO 2002-US8435 W 20020320 <--

AB There are provided colored, cosmetic emulsion compns. and methods of making them. The compns. have a hydrophilic colorant in the aqueous phase of the emulsion and a pearlescent colorant preferably in the oil phase of the emulsion. Upon application to mammalian skin or lips, the compns. of the invention display two or more different colors, have a multi-layered appearance, and display a different color than the color of the composition in its product form. For example, emulsions contained castor oil 15-45%, diisostearyl fumarate 5-10%, lanolin 5-10%, cetyl lactate 5-10%, a wax 0.5-50%, an aqueous phase emulsifying agent (PEG-8) 0.5-5%, preservative 0.1-1%, sodium silicoaluminate 0.1-1%, hydrophilic colorants 0.1-50%, an oil phase emulsifying agent (e.g., polyglyceryl isostearate) 0.5-5%, pearlescent colorants 0.1-50%, fragrance 0.1-1%, and water up to 100%.

L15 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:165757 CAPLUS  
DOCUMENT NUMBER: 134:227062  
TITLE: Pigment mixtures containing BioCl pigments  
INVENTOR(S): Anselmann, Ralf; Hillgaertner, Uta; Schoen, Sabine  
PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany  
SOURCE: Ger. Offen., 12 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19941607	A1	20010308	DE 1999-19941607	19990901 <--
WO 2001016235	A1	20010308	WO 2000-EP7947	20000816 <--
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1218455	A1	20020703	EP 2000-953169	20000816 <--
EP 1218455	B1	20040421		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
AT 264892	T	20040515	AT 2000-953169	20000816 <--
US 6743285	B1	20040601	US 2002-69669	20020228 <--
PRIORITY APPLN. INFO.: DE 1999-19941607 A 19990901 <--				
WO 2000-EP7947 W 20000816 <--				

AB Metallic glossy pigment mixts. with good processability and light stability as dispersions or powders, especially useful for cosmetics, contain  $\geq 2$  components, whereby component A is based on BioCl pigments as powders or dispersion and component B is based on single- or multilayer (metallic oxide-coated) platelet substrates, needle-shaped or spherical colorants and/or fillers.

L15 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:718550 CAPLUS  
DOCUMENT NUMBER: 132:212485  
TITLE: Instrumental measurement: Light stability of colorants  
AUTHOR(S): Aucar, Betty; Uzunian, Gabriel  
CORPORATE SOURCE: Henry L. Mattin Laboratories, Engelhard Corp., Ossining, NY, USA  
SOURCE: Cosmetics & Toiletries (1999), 114(10), 51-54  
CODEN: CTOIDG; ISSN: 0361-4387  
PUBLISHER: Allured Publishing Corp.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB UVA fluorescent light can be combined with colorimetry measurements for a fast and reproducible way to assess the color stability of cosmetic pigments when exposed to sunlight.  
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1997:341881 CAPLUS  
DOCUMENT NUMBER: 126:318190  
TITLE: Colored articles having a light-transmitting solid polymeric matrix and particle scattering colorants, compositions therefor, and methods for their fabrication  
INVENTOR(S): Smith, Tammy Lynn; Baughman, Ray; Martin, Mary

PATENT ASSIGNEE(S): Frances; Choi, Wonsik; Moulton, Jeffrey  
 SOURCE: Alliedsignal Inc., USA  
 PCT Int. Appl., 101 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9711991	A1	19970403	WO 1996-US15541	19960927 <--
W: JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 852599	A1	19980715	EP 1996-933168	19960927 <--
EP 852599	B1	20050323		
R: DE, FR, GB, IT, NL				
JP 2000507309	T	20000613	JP 1997-513688	19960927 <--
EP 1391479	A1	20040225	EP 2003-103959	19960927 <--
R: DE, FR, GB, IT, NL				
EP 1541624	A1	20050615	EP 2005-101418	19960927 <--
R: DE, FR, GB, IT, NL				
US 6440340	B1	20020827	US 2000-716497	20001120 <--
US 6514446	B1	20030204	US 2000-721005	20001122 <--
US 2003054158	A1	20030320	US 2002-266362	20021008 <--
US 6982117	B2	20060103		
US 2003083429	A1	20030501	US 2002-308278	20021203 <--
US 6730399	B2	20040504		
US 2003087094	A1	20030508	US 2002-308354	20021203 <--
US 6756120	B2	20040629		

PRIORITY APPLN. INFO.:

US 1995-535687	A	19950928 <--
EP 1996-933168	A3	19960927 <--
WO 1996-US15541	W	19960927 <--
US 1999-338624	A3	19990623 <--
US 1999-338629	A3	19990623 <--
US 2000-721005	A3	20001122 <--
US 2001-758534	A3	20010110 <--

AB Colored composite articles comprise a solid matrix component containing a nonliq. particle scattering colorant (a semiconductor, a metallic conductor, a metal oxide, or a salt) and a solid matrix component containing an electronic transition colorant, dye, or pigment, with the first matrix being  $\leq 50\%$  of that of the second matrix at visible wavelengths; a polymer matrix containing  $\geq 1$  particle scattering colorant and  $\geq 1$  electronic transition colorant, dye or pigment having specified properties; or composite fibers containing ferroelec, antiferroelec, or photoferroelec. particles. The coloration effects can be designed to be either highly stable or dependent upon the switching effects of temperature, integrated thermal exposure, moisture absorption, or exposure to actinic radiation. Colored articles, e.g., carpets, prepared from the compns. do not fade and can be recycled. Thus, a 10% composition of MT 500B (average particle diameter 35 nm) in MBN (nylon 6) was prepared, extruded, pelletized, redried, then dry-blended with more nylon 6 to give a final let-down concentration of 1%. A similarly prepared 1:99 carbon black-nylon composition (0.5 parts) was chip-blended with 99.5 parts of the first composition, spun into fibers, drawn, and texturized, giving light-blue to gray-blue fibers with an angle-dependent hue in shade.

L15 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1996:756297 CAPLUS  
 DOCUMENT NUMBER: 126:22790  
 TITLE: Colored bicarbonate containing solid deodorant compositions  
 INVENTOR(S): Moghe, Bhalchandra; Shevade, Makarand; Kasat,

PATENT ASSIGNEE(S): Radhakrishna; Linn, Elizabeth  
Mennen Company, USA; Moghe, Bhalchandra; Shevade,  
Makarand; Kasat, Radhakrishna; Linn, Elizabeth  
SOURCE: PCT Int. Appl., 20 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9632925	A1	19961024	WO 1996-US4925	19960417 <--
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
US 5597556	A	19970128	US 1995-425926	19950420 <--
AU 9653888	A	19961107	AU 1996-53888	19960417 <--
PRIORITY APPLN. INFO.:			US 1995-425926	A 19950420 <--
			WO 1996-US4925	W 19960417 <--

AB A colored, soap-gelled composition, comprising an alc., a soap in an amount effective to gel the composition, an alkali metal bicarbonate, and an inorg pigment. The alkali metal bicarbonate deodorant compns. colored with FD and C or D and C colorants do not exhibit stable color for extended periods of time, the compns. of the present invention, using inorg. pigments, exhibit stable color for extended periods, even under accelerated, e.g. high temperature, conditions. A deodorant stick contained propylene glycol 68.87, Irganox 0.25, stearic acid 4.00, sodium carbonate 1.60, sodium bicarbonate 1.00, PEG-Ceteth-20 3.00, fragrance 2.00, chromium hydroxide green 0.10, and water q.s. 100%.

L15 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1993:66599 CAPLUS  
DOCUMENT NUMBER: 118:66599  
TITLE: Nail polish compositions for hard and durable coatings  
INVENTOR(S): Hokama, Yosh  
PATENT ASSIGNEE(S): International Beauty Design, Inc., USA  
SOURCE: Can. Pat. Appl., 20 pp.  
CODEN: CPXKEB  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2049633	A1	19920426	CA 1991-2049633	19910821 <--
PRIORITY APPLN. INFO.:			US 1990-605074	A 19901025 <--
AB A method of strengthening a fingernail or toenail comprises (1) cleaning the nail surface, (2) applying $\geq 1$ layer of a nail polish composition consisting of aliphatic urethane acrylate, tripropylene glycol diacrylate, trimethylolpropane ethoxylate triacrylate, methacrylic acid, 1-hydroxycyclohexylphenyl ketone, Bu acetate, and colorants, and (3) subjecting the layer(s) to UV treatment for curing.				

L15 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1992:136020 CAPLUS  
DOCUMENT NUMBER: 116:136020  
TITLE: Pressed powder cosmetic product  
INVENTOR(S): Giezendanner, Corinna C.; Krog, Ann; Valdes, Nancy; Disomma, Joseph  
PATENT ASSIGNEE(S): Revlon, Inc., USA



SOURCE: U.S., 8 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5073364	A	19911217	US 1990-540087	19900619 <--
PRIORITY APPLN. INFO.:			US 1990-540087	19900619 <--

AB A pressed powder cosmetic product is disclosed. The product, useful as an eyeshadow, a blusher and the like, comprises a cream pressed powder composition and a frost pressed powder composition, disposed adjacent to each other in the same pan. This arrangement is made possible by inclusion of surfactant-coated fillers, surfactant-coated colorants and a two component powder binder. A powdered mixture was made of lecithin-coated talc 35.25, lecithin-coated Fe oxides 14, polyethylene 2, Zn stearate 5, lecithin-coated mica 30, Bi oxychloride 4, methylparaben 0.2, ethylparaben 0.15, propylparaben 0.1, and imidazolidinylurea 0.3 parts by weight. A 2nd mixture was made by heating, at 70°, cococaprylate/caprate 2.25, C12-15 alc. benzoates 1.25, octyldodecylstearoyl stearate 1.25 and dimethicone plus trimethylsiloxysilicate 5 parts. The two mixts. were blended, to give a cream powder eye shadow.

=> s CHROMALITE  
 L16 13 CHROMALITE

=> dup rem L16  
 PROCESSING COMPLETED FOR L16  
 L17 13 DUP REM L16 (0 DUPLICATES REMOVED)

=> d 1-13 ibib abs

L17 ANSWER 1 of 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2006:708411 CAPLUS  
 DOCUMENT NUMBER: 145:138609  
 TITLE: Polyelectrolyte-coated size-exclusion ion-exchange particles for purification in DNA sequencing  
 INVENTOR(S): Harrold, Michael P.; Lau, Aldrich N. K.; Johnson, Ben F.; Amparo, Gilbert P.; Mercer, Frank W.  
 PATENT ASSIGNEE(S): Applera Corporation, USA  
 SOURCE: U.S. Pat. Appl. Publ., 52 pp., Cont.-in-part of U.S. Ser. No. 57,936.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 4  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006160122	A1	20060720	US 2006-355872	20060215
US 2005181378	A1	20050818	US 2004-780963	20040218
US 2005196856	A1	20050908	US 2005-57936	20050215
PRIORITY APPLN. INFO.:			US 2004-780963	A2 20040218
			US 2005-57936	A2 20050215
			US 2005-709986P	P 20050818

AB Polyelectrolyte-coated size-exclusion ion-exchange particles and their use for separating DNA sequencing reaction products are provided. Thus, a method for DNA sequencing comprises contacting the DNA sequencing reaction products with particles containing an ion-exchange core coated with a polyelectrolyte. A nonionic detergent such as CHAPS and a stabilizer such as betaine is added to the mixture. The DNA sequencing products may be

further purified by capillary electrophoresis. Thus, BioRad AG 1-X8 coated with poly(acrylic acid-co-N,N-dimethylacrylamide) was prepared and used as described.

L17 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS ON STN  
 ACCESSION NUMBER: 2006:590342 CAPLUS  
 DOCUMENT NUMBER: 145:75792  
 TITLE: Preparation of HPLC columns using hypercrosslinked polymeric sorbents  
 INVENTOR(S): Khabarov, V. B.; Pronin, A. Ya.; Ermakov, V. V.; Buryak, A. K.; Khabarov, M. V.  
 PATENT ASSIGNEE(S): Russia  
 SOURCE: Russ., 13 pp.  
 CODEN: RUXXE7  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Russian  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
RU 2278379	C1	20060620	RU 2005-102875	20050207
PRIORITY APPLN. INFO.:			RU 2005-102875	20050207

AB HPLC columns are prepared by preparing a suspension of a hypercrosslinked polymeric sorbent based on polystyrene, polystyrene-divinylbenzene, or polydivinylbenzene using an aqueous alkaline solution having a pH of 11-14, and introducing the suspension into a column at increased pressure. The sorbent granules used have a diameter of 5-10  $\mu$ m.

L17 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS ON STN  
 ACCESSION NUMBER: 2005:1292737 CAPLUS  
 DOCUMENT NUMBER: 144:32819  
 TITLE: Petal-array support and purification members for use with microplates for DNA sequencing and PCR  
 INVENTOR(S): Ramstad, Paul O.; Harrold, Michael P.; Hennessy, Kevin M.; Lau, Aldrich N. K.  
 PATENT ASSIGNEE(S): Applera Corporation, USA  
 SOURCE: U.S. Pat. Appl. Publ., 37 pp., Cont.-in-part of U.S. Ser. No. 413,935.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 17  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005271553	A1	20051208	US 2004-21039	20041221
US 2003129741	A1	20030710	US 2002-38974	20020104
US 6632660	B2	20031014		
US 2003228706	A1	20031211	US 2003-413935	20030414
US 6833238	B2	20041221		
PRIORITY APPLN. INFO.:			US 2002-38974	A2 20020104
			US 2003-413935	A2 20030414
			US 2002-398852P	P 20020726

AB Devices are provided which include supports upon which one or more ion-exchange materials can be disposed for purifying a sample. In various embodiments, the supports include a plurality of deformable members, for example, petal-shaped purification members, that provide binding sites for ion-exchange material and optionally biochem. species, chems., salts, or other materials. An apparatus and method are also provided for the insertion and removal of the purification members into resp. wells of a multi-well microplate. The apparatus and method of the invention are used for DNA sequencing reaction purification and PCR reaction purification

L17 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:128330 CAPLUS

DOCUMENT NUMBER: 140:363628

TITLE: Elucidation of retention mechanisms on hypercrosslinked polystyrene used as column packing material for high-performance liquid chromatography  
 AUTHOR(S): Sychoy, C. S.; Ilyin, M. M.; Davankov, V. A.; Sochilina, K. O.

CORPORATE SOURCE: Institute of Organo-Element Compounds, Russian Academy of Science, Moscow, 119991, Russia

SOURCE: Journal of Chromatography, A (2004), 1030(1-2), 17-24  
 CODEN: JCRAEY; ISSN: 0021-9673

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Establishing of basic retention mechanisms was considered the key target during the development of new column packing materials. To extract, from an appropriate retention data matrix on hypercrosslinked polystyrene Chromalite 5HGN, certain factors that can be brought in an obvious correspondence with known retention mechanisms, the principal component anal. (PCA) was applied. The approach was used to elucidate the adsorption properties of the above novel HPLC packing. Besides HPLC, knowledge of retention mechanisms helps to reveal perspective application area for the hypercrosslinked polystyrene-type materials in solid-phase extraction (SPE) and low-pressure preparative LC.

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:93900 CAPLUS

DOCUMENT NUMBER: 139:110780

TITLE: Hypercrosslinked polystyrene as a novel type of high-performance liquid chromatography column packing material. Mechanisms of retention  
 AUTHOR(S): Davankov, V. A.; Sychoy, C. S.; Ilyin, M. M.; Sochilina, K. O.

CORPORATE SOURCE: Institute of Organo-Element Compounds, Moscow, 119991, Russia

SOURCE: Journal of Chromatography, A (2003), 987(1-2), 67-75  
 CODEN: JCRAEY; ISSN: 0021-9673

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB An exptl. material, Chromalite 5HGN (Purolite, UK), that represents hypercrosslinked polystyrene as a new type of neutral stationary phase for HPLC was examined. The material contains no functional groups, but is compatible with any kind of nonpolar and highly polar mobile phase, and even with water. It is chemical resistant and thermally stable. When using aqueous organic mobile phases, Chromalite 5HGN works similar to standard C18 reversed-phase packings, but was characterized by much greater hydrophobicity and, sometimes, unusual selectivity. When using nonpolar mobile phases, i.e. under quasi normal-phase conditions, the retention is mostly governed by the interactions between  $\pi$ -electronic systems of the adsorbent and adsorbate. Adding highly polar, even hydrophilic solvents into the mobile phase, leads to a shift of retention times toward the reversed-phase kind of chromatog., which gives an addnl. possibility in fine tuning the column selectivity.

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:548089 CAPLUS

DOCUMENT NUMBER: 140:191760

TITLE: Supercross-linked polystyrene sorbents for HPLC  
 AUTHOR(S): Davankov, V. A.; Sychev, K. S.; Il'in, M. M.

CORPORATE SOURCE: Russia  
 SOURCE: Zavodskaya Laboratoriya, Diagnostika Materialov  
 (2003), 69(4), 3-7  
 CODEN: ZLDMF2; ISSN: 1028-6861  
 PUBLISHER: Izdatel'stvo "TEST-ZL"  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Russian  
 AB Supercross-linked polystyrene were tested as stationary phases in HPLC columns. The retention mechanisms of the analyzed compds. on the spherical supercross-linked polystyrene microparticles is shown and examples of concrete anal. problems are presented.

L17 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:131162 CAPLUS  
 DOCUMENT NUMBER: 134:197871  
 TITLE: Long lasting liquid lipstick compositions based on acrylate copolymers and cellulose  
 INVENTOR(S): Fishman, Yoram  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S., 9 pp., Cont.-in-part of U. S. Ser. No. 60,799.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6190681	B1	20010220	US 1999-294712	19990415
US 6261576	B1	20010717	US 1998-60799	19980415
US 2001012510	A1	20010809	US 2001-788182	20010218
US 6428797	B2	20020806		
US 2002197222	A1	20021226	US 2002-195177	20020715
PRIORITY APPLN. INFO.:			US 1998-60799	A2 19980415
			US 1999-294712	A1 19990415
			US 2001-788182	A1 20010218

AB Embodiments include a liquid lipstick composition having an acrylates/octylacrylamide copolymer, a cellulose material, alc. and a colorant. The cellulose material may be hydroxypropyl cellulose. Isostearyl alc. and silica may be included in the composition to enhance properties such as the spreadability and feel of the composition on the lips. Addnl. additives such as fragrance and botanical exts. may also be added. Such compns. can be easily applied to the lips and offer long wear characteristics. For example, a composition for a red liquid lipstick contained  
 isostearyl alc. 3.20, silica 1.50, ethanol 81.37, hydroxypropyl cellulose 0.50, an acrylate/octylacrylamide copolymer 4.50, PEG-20 Me glucose ether 4.10, a phyto desensitizer (botanical extract mixts.) 1.00, fragrance 1.20, Permashade WP 10S 0.60, iron oxide 0.82, D&C Red #28 Aluminum Lake 0.30, D&C Red #33 Aluminum Lake 0.07, D&C Yellow #5 Aluminum Lake 0.21, and D&C Red #7 0.63 parts.

REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2000:440071 CAPLUS  
 DOCUMENT NUMBER: 133:63574  
 TITLE: Simultaneous determination of dihydroxybenzenes, aminophenols and phenylenediamines in hair dyes by high-performance liquid chromatography on hypercross-linked polystyrene  
 AUTHOR(S): Penner, Natalia A.; Nesterenko, Pavel N.  
 CORPORATE SOURCE: Analytical Chem. Div., M. V. Lomonosov Moscow State University, Moscow, 119899, Russia  
 SOURCE: Analyst (Cambridge, United Kingdom) (2000), 125(7),

1249-1254

CODEN: ANALAO; ISSN: 0003-2654

PUBLISHER:

Royal Society of Chemistry

DOCUMENT TYPE:

Journal

LANGUAGE:

English

AB The retention of polar organic mols. such as dihydroxybenzenes, aminophenols and phenylenediamines on a 250 x 4.6 mm id column packed with 5  $\mu$ m hypercross-linked polystyrene Chromalite 5HGN (Purolite) was studied. The influence of separation parameters such as concentration of

MeCN, buffer (citrate, phosphate) concentration, ionic strength and pH of the eluent on

their retention was investigated. Under optimum conditions [MeCN-0.3 mol L<sup>-1</sup> ammonium phosphate, pH 5.15 (30:70)], 8 substances generally used as dye intermediates in hair coloring compns. could be separated within 20 min. An HPLC method with spectrophotometric detection was proposed for the simultaneous determination of pyrocatechol, resorcinol, hydroquinone, o-, m-

and p-aminophenols and p-phenylenediamine in com. hair dye products. The detection limits of these compds. are in the range 0.05-0.16  $\mu$ g mL<sup>-1</sup>. The suitability of the method was demonstrated by the anal. of 3 different permanent hair dyes.

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS ON STN

ACCESSION NUMBER: 1998:672713 CAPLUS

DOCUMENT NUMBER: 129:291102

TITLE: Ultraviolet ray (UV) blocking textile and manufactured article

INVENTOR(S): Edwards, Stuart D.; Edwards, Kelly; Parker, Theodore L.; Evans, John M.

PATENT ASSIGNEE(S): Koala Konnections, USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9842909	A1	19981001	WO 1998-US1016	19980122
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FT, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2282402	A1	19981001	CA 1998-2282402	19980122
AU 9859244	A	19981020	AU 1998-59244	19980122
AU 742112	B2	20011220		
EP 970272	A1	20000112	EP 1998-902636	19980122
R: DE, FR, GB, IT				

PRIORITY APPLN. INFO.: US 1997-41343P P 19970321  
US 1997-921975 A2 19970902  
WO 1998-US1016 W 19980122

AB A UV blocking fabric includes UV blocking particles for deflecting, reflecting, absorbing and/or scattering UV rays; and a binding agent attaching the UV blocking particles to the fabric. An article includes a fabric, optionally shaped to form an article of clothing, an awning, an umbrella, a sunscreen, a tent, a tarp, a canvas and the like, UV blocking particles which may be colored to match or contrast with the color of the

fabric; and a binding agent.  
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1976:483134 CAPLUS  
DOCUMENT NUMBER: 85:83134  
ORIGINAL REFERENCE NO.: 85:13279a,13282a  
TITLE: Tooth whitening cosmetic composition  
INVENTOR(S): Burell, Vincent A.; Suchan, Joseph T.  
PATENT ASSIGNEE(S): Koh-I-Noor Rapidograph, Inc., USA  
SOURCE: Brit., 4 pp.  
CODEN: BRXXAA  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 1434081	A	19760428	GB 1973-30494	19730627
PRIORITY APPLN. INFO.:			US 1973-347102	A 19730402

AB The composition consisted of a Carboset resin dispersed together with a Me cellulose and crosslinked with ZnO, NH<sub>4</sub>OH, and (NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub>. E.g., a composition was prepared containing ZnO 0.42, NH<sub>4</sub>OH 1.08, (NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub> 0.76, carboset 514-A [25133-97-5] resin 27.19, EtOH 60.08, methocel HG [9004-65-3] 1.39, Chromalite Black 0.16, D and C Red 6 0.16, and TiO<sub>2</sub> 4.20% weight. The upper teeth were dried and the composition applied to each tooth individually; 15 min drying was ideal to give good wearing time. Any whitener not removed on normal brushing could be removed with solvent.

L17 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1968:470675 CAPLUS  
DOCUMENT NUMBER: 69:70675  
ORIGINAL REFERENCE NO.: 69:13215a,13218a  
TITLE: Stability of tricalcium silicate  
AUTHOR(S): Butt, Yu. M.; Timashev, V. V.; Kaushanskii, V. E.  
CORPORATE SOURCE: Mosk. Khim.-Tekhnol. Inst. im. Mendeleeva, Moscow, USSR  
SOURCE: Izvestiya Akademii Nauk SSSR, Neorganicheskije Materialy (1968), 4(3), 465-7  
CODEN: IVNMAW; ISSN: 0002-337X  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

AB The stability of 3CaO.SiO<sub>2</sub> near the lower theoretical boundary of its stability was investigated, using single-crystal samples prepared by a modified Li and Ners method. Not only pure samples were studied, but also those with addns. of 1% MgO, Al<sub>2</sub>O<sub>3</sub>, and Cr<sub>2</sub>O<sub>3</sub>. The single crystals to be studied were placed in a furnace preheated to the required temperature, and subjected to a 1-hr. heat treatment at 1000-1300°. The amount of free CaO present in the samples was quant. determined. 3CaO.SiO<sub>2</sub> is unstable at low temps. The maximum of decomposition for all crystals occurs at 1100°, which indicates the existence of a definite temperature region which the 3CaO.SiO<sub>2</sub> is least stable. The presence of Al<sup>3+</sup> and Mg<sup>2+</sup> in the 3CaO.SiO<sub>2</sub> lattice speeds up the decomposition of this mineral. During the formation of the solid solution the Mg<sup>2+</sup> becomes bonded to the O ions of the 3CaO.SiO<sub>2</sub> lattice. During this, the bond between these ions and the Ca<sup>2+</sup> is somewhat weakened. As a result of weakened Ca-O bonds, the separation of the 3rd CaO mol. from the orthosilicon nucleus of the silicate becomes easier. With respect to the Al<sub>2</sub>O<sub>3</sub> addns., the higher chemical activity of the Al<sub>2</sub>O<sub>3</sub> solid solution in 3CaO.SiO<sub>2</sub> causes a weakening of the lattice due to various factors. The presence of Cr<sup>3+</sup> in the 3CaO.SiO<sub>2</sub> lattice increases its stability. Obviously, a chromalite phase is formed then, which is similar to the alite structure, and is thus more stable. The maximum degree of decomposition for alite is observed at 1200°, with the

decomposition taking place primarily at the periphery of the crystal.

L17 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1967:5237 CAPLUS

DOCUMENT NUMBER: 66:5237

ORIGINAL REFERENCE NO.: 66:1067a,1070a

TITLE: Use of "chromalite" in fast-setting molds  
and core sands containing waterglass and in coatings

AUTHOR(S): Tomasik, Edmund

SOURCE: Przegląd Odlewnictwa (1966), 16(7-8), 255-7

CODEN: PRZOAB; ISSN: 0033-2275

DOCUMENT TYPE: Journal

LANGUAGE: Polish

AB Two samples of a waste slag from Cr production (chemical composition: SiO<sub>2</sub>

24.40,

27.70; Al<sub>2</sub>O<sub>3</sub> 7.52, 12.60; CaO 48.78, 31.70; MgO 15.20, 13.78; FeO 0.75, 2.96; Cr<sub>2</sub>O<sub>3</sub> 3.15, 6.16; S 0.08, 0.08; C 0.10, 0.10; K and H<sub>2</sub>O 1.00, and 1.65 weight %; crystallographic phase composition: Fe solution in Cr, chromerocynite, augite ferrous chromite, diopside, Ca aluminite, Ca chromite, and several unidentified phases) were tested for their properties for use in molds and coatings. Chromalite during cooling underwent a phase transformation at 675° with .apprx.10% volume expansion; this caused its disintegration into fine powder. It had a fair heat resistance and its sintering temperature was 1300° (permanent sintering), while its normal heat resistance was 1435°. The evolution of gases at 1000° was 3.3 ml./g., and the porosity 50.82%. Chromalite is suggested for use as a component for fast drying molds and core sands containing waterglass, and as a coating (dusted on) in place of graphite. The quality of casting was improved when using chromalite.

L17 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1963:474088 CAPLUS

DOCUMENT NUMBER: 59:74088

ORIGINAL REFERENCE NO.: 59:13672d-e

TITLE: Magnesite refractories with a high content of calcium oxide

AUTHOR(S): Budnikov, P. P.; EI-Rafii, E. A.

CORPORATE SOURCE: D.I. Mendeleev Chem.-Technol. Inst., Moscow

SOURCE: Ogneupory (1963), 28(8), 371-7

CODEN: OGNPA2; ISSN: 0369-7290

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB Chromite added in the amount of 10% to dolomitic magnesite with a content of 8.35% of free CaO combines completely with it during the firing operation, thus serving as an effective stabilizer. Hydrothermal treatment accelerates this reaction, which produces the oxychromite of Ca (9CaO.4CrO<sub>3</sub>.Cr<sub>2</sub>O<sub>3</sub>), while Fe<sub>2</sub>O<sub>3</sub> enters the crystal lattice of the periclase with the formation of a solid solution. With the addition of 30% of Cr<sub>2</sub>O<sub>3</sub>, chromalite is formed and the Fe<sub>2</sub>O<sub>3</sub> is converted to magnesoferrite. Ca oxychromite goes to the monochromite at its fusion point of 2170°, which explains the high deformation temperature of the refractory under load. 20 references.

=> s CHROMA-LITE

1575 CHROMA

26 CHROMAS

1597 CHROMA

(CHROMA OR CHROMAS)

645 LITE

52 LITES

695 LITE

(LITE OR LITES)

L18

3 CHROMA-LITE

## (CHROMA (W) LITE)

=> s L18 NOT L17  
 L19 13 S L17  
 L20 3 L18 NOT L19

=> d L18 ibib abs

L18 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2007:593443 CAPLUS  
 DOCUMENT NUMBER: 147:37943  
 TITLE: Hair styling compositions and methods for imparting vibrancy  
 INVENTOR(S): Montezinos, David Lee; Pastwa, Dea Michelle; Stophlet, Matthew Gus  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
 SOURCE: PCT Int. Appl., 32pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007060597	A2	20070531	WO 2006-IB54340	20061120
WO 2007060597	A3	20071025		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
US 2007141002	A1	20070621	US 2006-580256	20061012
PRIORITY APPLN. INFO.:			US 2005-739676P	P 20051123
			US 2005-739677P	P 20051123
			US 2006-580256	A 20061012
AB	Leave-on hair care composition, comprising from about 0.1% to about 20% of a shine enhancing system comprising a first non-soluble particle reflecting a first color, a second non-soluble particle reflecting a second color, and a third non-soluble particle reflecting a third color; from about 0.001% to about 5% of a film-forming agent; and a dermatol.-acceptable carrier. A hair styling product contained, Shine enhancing system 5.000, acrylates/beheneth-25 methacrylate copolymer (Aculyn-28) 3.000, hydroxyethyl cellulose (HHR250) 0.666, Laureth-23 0.600, acetyl glucosamine 0.500, benzyl alc. 0.500, aminomethyl propanol 0.316, DMDM hydantoin (Glydant) 0.370, aloe 0.250, disodium EDTA 0.115, perfume 0.100, niacinamide 0.010, DL-panthenol 0.020, panthenyl Et ether 0.090, and water q.s. 100%.			

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L18 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:657197 CAPLUS  
 DOCUMENT NUMBER: 145:130184  
 TITLE: Non-pressurized post-application expanding composition for hair fibers comprising surfactant and film-forming polymer



INVENTOR(S): McNamara, William E.; McKie, Derrick B.; Kurek, John S.; Milow, Clifford A.; Garrison, Mark S.; Cen, Raymond  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 15 pp., Cont.-in-part of U.S. Ser. No. 331,069.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006147399	A1	20060706	US 2005-532361	20050420
US 2004126345	A1	20040701	US 2002-331069	20021227
WO 2004060292	A2	20040722	WO 2003-US40790	20031219
WO 2004060292	A3	20041209		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-331069 A2 20021227  
 WO 2003-US40790 W 20031219

AB A post-application expanding composition for application to hair fibers of the scalp, eyebrows or eyelashes is provided. The composition comprises at least one surfactant, a solvent for the surfactant, and a volatile agent in an amount that will cause the surfactant and solvent to interact and foam on the hair fibers thereby producing an expanded composition. The composition further contains a film-forming agent in an amount effective to form a film which when set fixes at least a portion of the expanded composition in its expanded state. The volatile agent is solubilized in the composition, and is further dispersed throughout the composition in nanometer size droplets or generated in situ on the hair fibers or immediately prior to application thereto so that the composition is storable in a non-pressurized container. Thus, a mascara composition contained Hydroxyethyl cellulose 0.5, Oleth-3 phosphate 0.5, Isoceteth-20 0.5, palmitic acid 4.0, triethanolamine 1.0, Syntan EX-100 10.0, Diatosol 5000 SJ 12.0, cocamidopropylbetaine 0.5, WSJ24BAMP 25.0, Germaben II 0.5 and water to 100%, resp. When applied, the mascara is advantageous in that much fewer brush strokes are required and thus manipulation is greatly reduced.

L18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1103547 CAPLUS  
 DOCUMENT NUMBER: 143:392969  
 TITLE: Composition and method for dry cow udder protection comprising a bimodal interpenetrating polymer system Kross, Robert D.  
 INVENTOR(S): USA  
 PATENT ASSIGNEE(S): USA  
 SOURCE: PCT Int. Appl., 18 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005094787 A1 20051013 WO 2005-US9650 20050323

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2004-555562P

P 20040324

AB A composition for dry cow udder protection includes a bimodal interpenetrating polymer system having both cationic and anionic functionalities and capable of forming a stable aqueous solution and ionic bonds between polar chains. The bimodal interpenetrating polymer system, preferably, includes two acrylate copolymers, Polyacrylate-18 and Polyacrylate-19. The bimodal interpenetrating polymer system is approx. 20% to 40%, by weight, of the

aqueous solution, and preferably has a thixotropic viscosity of approx. 500 cps to 5000 cps, as measured with a Brookfield Viscometer at 20 rpm with a # 3 spindle. The composition, as part of an aqueous solution, is applied to the

region of a cow teat to be protected and allowed to dry, resulting in a water-insol. protecting film. For example, a dry-cow teat dip was prepared containing polyethylene glycol 600 3.00, xanthan gum 0.50, sodium dodecylbenzenesulfonate 0.20, Syntran EX-104 polymer dispersion 96.00, and FD&C Yellow #5 0.30%, resp. The viscosity of this dry dip formulation was 600 cps. The dry, antimicrobial film is adhesive to the teat skin for many days, with no loss of integrity upon normal flexure.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
147.79	148.42

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-27.30	-27.30

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